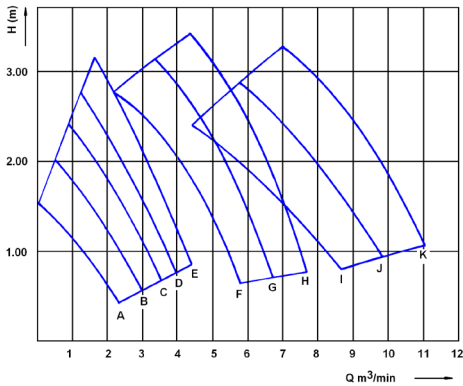


BCK-V

FISH FRIENDLY CENTRIFUGAL COLUMN PUMP

The Bosman BCK pump is an economically attractive solution for water transport. The pump is suited for pumping surface water with capacities up to 11 m³/min and is able to pump water to a height up to 3 meters.



FEATURES

- Fish friendly impeller
- Low maintenance design
- Long life time
- Virtually not obstructable
- Low speed
- Wide passage

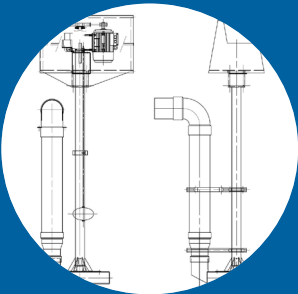


Type	Type BCK	P [kW]	Speed n [min ⁻¹]	Diameter Ø [mm]	Immerso depth [mm]
A	1	1,1	252	160	400
B		1,5	320		
C	2	1,5	320	200	500
D		2,2	357		
E		3,0	399		
F	3	4,0	305	250	600
G		5,5	356		
H		7,5	408		
I	4	5,5	245	315	700
J		7,5	291		
K		11,0	321		



APPLICATIONS

BCK pumps are used in the Netherlands primarily for draining of sports grounds and small polders. Further fields of application are amongst others: drainage of cultivated land in general, irrigation of cultivated land in delta areas, irrigation of rice-fields, water level control in fish ponds, salt pans and natural resource areas and recycling of stagnant water to keep it from fouling.



FUNCTIONING

The electric motor is suspended vertically to the standpipe of the pump. Its power is transferred to the vertical pump shaft by a V-belt drive. The automatic functioning occurs by a float that is moving up and down with the water level. This float motion is transferred via a lever and by means of a rod mechanism to a float switch that activates and deactivates the motor. The motor is also equipped with a safety switch for overload protection.



ADVANTAGES

The pump is suitable for practically all purposes, not very dirt-sensitive, has a long life time with virtually no maintenance and can be installed in open water or in a (prefabricated) concrete unit.